

Program

Sunday, April 17, 2016

5:00 pm – 7:00 pm **Registration**

6:00 pm – 9:00 pm **Welcome reception with scientific presentation**

Alexander Nies

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety/BMUB, Germany

Welcome address

Per Magnus

Norwegian Institute of Public Health

The impact of the environment on health

Monday, April 18, 2016

8:30 am **Registration**

9:30 am – 10:10 am **Opening session**

Barbara Hendricks

Minister for the Environment, Nature Conservation, Building and Nuclear Safety, Germany

Human Biomonitoring – Why do we care?

Maria Krautzberger

President of the German Environment Agency

Human Biomonitoring across Europe – The way forward

10:10 am – 10:40 am Coffee break and poster viewing

10:40 am – 11:40 am **Panel discussion 1**
Human Biomonitoring – a cornerstone of good political decisions

Moderator:

Andreas Gies, German Environment Agency/UBA

Hermann Fromme, German Human Biomonitoring Commission and Bavarian State Office for Health and Food Safety

Arnd Hoeveler, European Commission, DG Research & Innovation

Sascha Gabizon, Women in Europe for a Common Future/WEFCF

Elizabet Paunovic, WHO European Centre for Environment and Health

Edgar Leibold, BASF, Germany

Karl-Heinz Jöckel, Institute of Medical Informatics, Biometry and Epidemiology, Essen University Hospital, Germany

 German/English interpretation

Monday, April 18, 2016

11:40 am – 1:00 pm

Lunch and poster viewing

1:00 pm – 3:30 pm

Session 1

HBM programs – new developments

Chairs:

Robert Barouki, Inserm-University Paris Descartes, France

Ovnair Sepai, Public Health England, United Kingdom

Antonia Calafat

US Centers for Disease Control and Prevention, United States

Biomonitoring in NHANES – recent advances and future directions

Douglas Haines

Health Canada

Health Canada's human biomonitoring initiatives – progress and uses

Clémence Fillol

French Institute for Public Health Surveillance, Environmental Health Department

Prioritization of the biomarkers to be analyzed in the French biomonitoring program

Break and discussion: 15 minutes

Marike Kolossa-Gehring

German Environment Agency/UBA

The German Environmental Survey and the Environmental Specimen Bank – HBM for policy decisions

Tamar Berman

Public Health Services, Ministry of Health, Israel

Human biomonitoring in Israel – recent results and developments

Suejin Kim

National Institute of Environmental Research, Korea

Introduction of Korean National Environmental Health Survey (KoNEHS)

3:30 pm – 4:00 pm

Coffee break and poster viewing

4:00 pm – 5:50 pm

Session 2

HBM in large scale birth cohorts

Chairs:

Birgit Wolz, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety/BMUB, Germany

Michael Wilhelm, Ruhr University Bochum, Germany

Ruth Etzel

Environmental Protection Agency, United States

Pediatric environmental health – the role of biomonitoring in birth cohorts

1:00 pm – 3:30 pm

Shoji F. Nakayama

National Institute for Environmental Studies, Japan

Japan's Environment and Children Study – lessons learned from incorporating HBM in a large-scale birth cohort study

William D. Fraser

University of Sherbrooke, Research Center of Sherbrooke
University Hospital/CHUS, Canada

**Maternal-Infant Research on Environmental Chemicals (MIREC) –
a Canadian biomonitoring birth cohort research platform**

Jun Jim Zhang

Shanghai Jiao Tong University, China

The Shanghai Birth Cohort – current status and results

Sébastien Denys

The National Public Health Agency/ANSP, France

HBM in the ELFE birth cohort – results to date

Tuesday, April 19, 2016

9:00 am – 10:30 am

Session 3

Broadening the HBM toolbox

Chairs:

Michael Bader, BASF, Germany

Jana Klánová, Masaryk University, Czech Republic

Gabriele Leng

Currenta GmbH, Germany

**New specific and sensitive biomonitoring methods for chemicals
of emerging health relevance**

Holger Koch

Institute for Prevention and Occupational Medicine of the German Social
Accident Insurance, Institute of the Ruhr-University Bochum/IPA

The quest for biomarkers of exposure to non-persistent chemicals

Andy Nong

Health Canada

**Pharmacokinetic modeling of health and exposure measures
to support health risk interpretations**

Paolo Vineis

Faculty of Medicine, School of Public Health, Imperial College London,
United Kingdom

The role of the "omics-techniques" in HBM, current and future applications

10:30 am – 11:00 am

Coffee break and poster viewing

Tuesday, April 19, 2016

11:00 am – 12:15 am

Session 4
HBM in health risk assessment

Chairs:

Lisbeth E. Knudsen, University of Copenhagen, Denmark

Douglas Haines, Health Canada

Martin Kraft

German Human Biomonitoring Commission and North Rhine Westphalian State Agency
for Nature, Environment and Consumer Protection

**HBM values derived by the German HBM Commission
and their practical use**

Kembra Howdeshell

National Institute of Environmental Health Sciences/NIEHS,
United States

**Mixed exposure evaluation of pesticides and toxic substances,
cumulative risk assessment**

Angelika Zidek

Health Canada

**HBM data used in regulatory risk assessment under Canada's
chemicals management program**

12:15 am – 1:30 pm

Lunch and poster viewing

1:30 pm – 3:30 pm

Session 5
**Harmonizing HBM approaches and data – progress in the
international and European landscape**

Chairs:

Argelia Castaño, National Center for Environmental Health,
Institute of Health Carlos III, Spain

Marika Berglund, Karolinska Institutet, Institute of Environmental Medicine, Sweden

Greet Schoeters

Flemish Institute for Technological Research/VITO, Belgium

Results of the first Europe-wide HBM study

Anke Joas

Consultancy for integrated solutions/BiPRO, Germany

Lessons learned from the COPHES/DEMOCOPHES process

Leonardo Trasande

NYU School of Medicine, United States

**Harmonizing approaches to burden of disease estimation due to
environmental chemicals: endocrine disruptors as a case study**

Megan Latshaw

Association of Public Health Laboratories/APHL, United States

Harmonizing HBM approaches across the United States

Sofie Nørager

European Commission, DG Research & Innovation

The European Commission's view on the EHBM

3:30 pm – 4:15 pm

Coffee break and poster viewing

4:15 pm – 5:30 pm

Panel discussion 2

Human Biomonitoring – the tasks ahead

Moderator:

Lilian Busse, German Environment Agency/UBA

Peter van den Hazel, Public Health Services Gelderland-Midden,
Netherlands

Gerd Romanowski, German Chemical Industry Association/VCI

Gertrud Sahler, Federal Ministry for the Environment, Nature
Conservation, Building and Nuclear Safety/BMUB, Germany


Catherine Ganzleben, European Environment Agency/EEA

Carolyn Vickers, World Health Organization/WHO

5:30 pm

Summary and conclusion of the conference

Jochen Flasbarth, State Secretary, Federal Ministry for the
Environment, Nature Conservation, Building and Nuclear Safety,
Germany

 German/English interpretation